

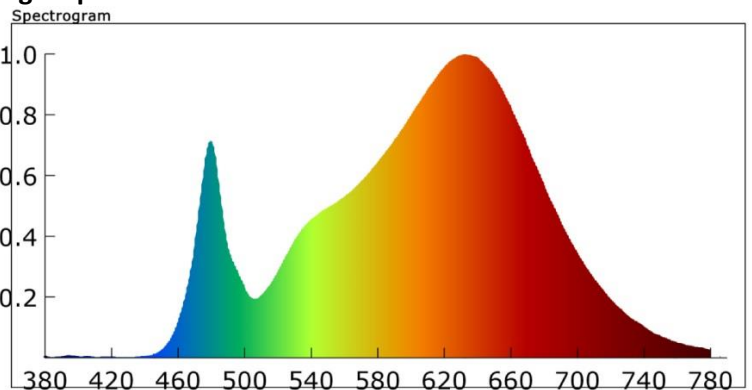


## Plant lighting on highest level.

Achieve incredible yields with minimal power consumption. Through optimal planning and latest Samsung LED technology, the unique, passively cooled LED was created. The LED is absolutely silent and guarantees the best lighting conditions, even with a plant distance of only 5 cm (2 inch). The viewing angle of 120° works optimally up to 1 m (40 inch) distance between the lamps. The light spectrum of the Samsung LED chips covers 380 - 780 nm and provides almost all plants from growth to harvest best conditions. The light distribution of 144 pieces of Samsung LED chips is optimized for the urban Chili (1/4 m<sup>2</sup>, 2,7 feet<sup>2</sup>).


Specifications	Value
Fullspectrum	380 – 780 nm
Light angle	120°
Luminous flux	11 347 lx
PPFD	168,35 μmol/m <sup>2</sup> /s
PAR	35,86 W/m <sup>2</sup>
Colortemperature	3187 K
Dimension LED	300x300x40 mm
weight	1100 g
size converter	130x75x25 mm
Weight	230 g
AC cable	1,8 m
DV cable	2 m
Protection	IP 30
Ambient temperature	-5 – 40 °C
Max. Humidity	90 %

## Light spectrum:



4 cm low



The original LED from the urban Chili  is now also available separately! The new LED BOARD fits in all urban Chili versions that are so easy to pimp up now.